



W 140-0169

Profile

"dag teker k."
ans 13119.

Profile
Nederlands 226

GEN. BOX NO 1222



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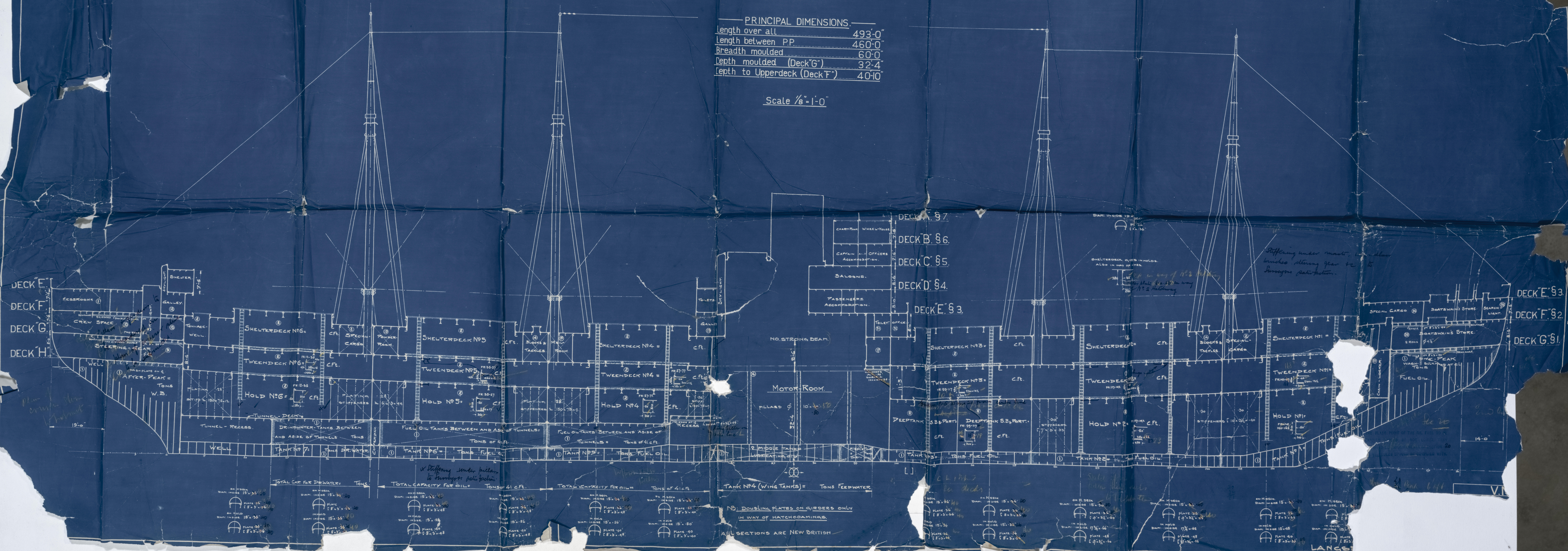
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Foundation

Longitudinal Section.

PRINCIPAL DIMENSIONS.

Length over all	493'-0"
Length between P.P.	460'-0"
Breadth moulded	60'-0"
Depth moulded (Deck 'G')	32'-4"
Depth to Upperdeck (Deck 'F')	40'-0"

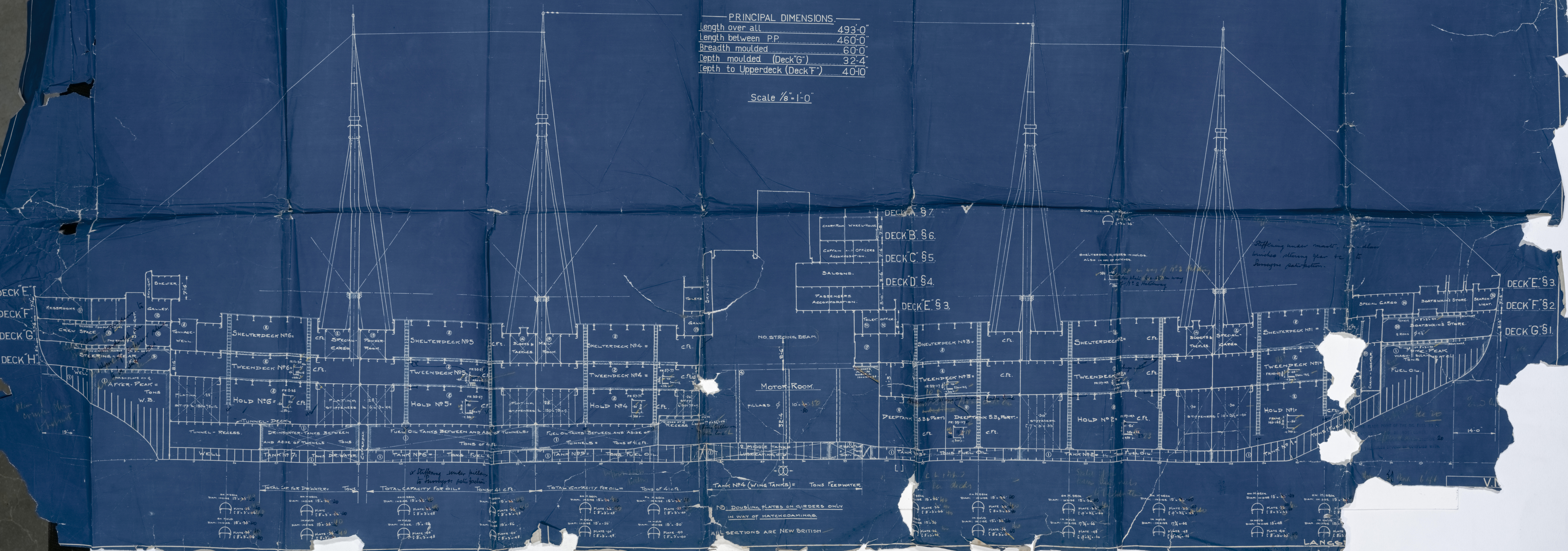
Scale 1/8"=1'-0"



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Scale 1/8"=1'-0"



Deck plans

"AACTEKERK"

Ans 13119

W/140-0163



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LETTER	DATE	SIGNATURE
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DECKPLAN
1:192

1014

SIDEPLATING .40" x 2" 34 x 36
STRINGER PL: 36" x 36" 39 x 35
STRINGER L 36" x 36" 34 x 36 38
PLATING .26" SHEATED.
BEAMS 6"x3"x36
TWO ROWS OF PILLARS TO SUIT AC:

STEEL BUILDING

R. H. H. H.

STEEL BUILDING

SIDE PLATING 42 44
STRINGER PL 43x56
STRINGER L 3x39x56 3
PLATING 24 SHEATED
BEAMS 6x56
88x3x46

SIDE PLATING 42" 111
STRINGER PLT 36" x 36" 38
PLATING 34" 38
30.28 WHERE SHEET
STRINGER L 3x3x36 38

Beams, pillars &
joints to be
considered with
beams $[8' \times 5' \times 40']$
plan of cruciform structure

[illegible]

5. DECK. MAINDECK

DOUBLING ON CORNERS OF
ENGINE CASING & HATCHWAYS 40"

H. DECK.

DOUBLING UNDER PILLARS .40

TOP OF TUNNEL TANKS

FOR SCANTLING SEE SEPARATE DRAWING

RECESS PLATING

FRAME SPACING. $32\frac{3}{4}$ { 832"m }.

overflow of deep tanks
assumed to be
2-6 above F. Deck.

FRAME SPACING 27" { 6867

FR: SP: 24" {610%}

NB: ALL SECTIONS ARE NEW BRITISH STANDARD SECTIONS

FOR MIDDLELINE BULK HEAD IN HOLDS SEE LONG. SECTION

FOR GIRDERS & PILLARS SEE LONG: SECTION

PLAN OF PANTINGARR. & BOTTOM STRENGTHENING FORM: SEE SEPARATE DRAW.

PLAN OF PEAKS, DEEPTANK & BULKHEADS SEE SEPARATE DRAW:

STRONG BEAM IN MOTORROOM OMITTED.

CLASS 100 A / ENG. LLOYD'S No 226

REDUCED SCANTLING VESSEL - MAX. DRAUGHT = 30'0"

SCALE: 1/2" = 1'-0"

FRAME - SPACING

0 - 12	=	24"	610
12 - 138	=	32 3/4"	832
138 - 168	=	27"	686
168 - 183	=	24"	610

FOR SIDE-FRAMES SEE
PLAN OF FRAMING

→ PRINCIPAL-DIMENSIONS →

EXTREME-LENGTH = $493'-0''$

LENGTH FROM RPP TO AFTERMOST PART
OF CRUISER-STEERN = $479'-0''$

LENGTH BETWEEN PP = $460'-0''$

BREADTH ($\approx B$) IS THE MOULDED-BREADTH
ON INNER-STRAKE = $60'-0''$

DEPTH TO F-DECK = $40'-10''$

DEPTH TO G-DECK = $32'-4''$

SCANTLING - NUMERALS

DEPTH, "D" = 40,833 ✓

LENGTH, "L" = 996 x 4790 = 459,84

FIRST-LONGITUDINAL NUMERAL

$L \times D = 459,84 \times 40,833 = 18776,65$ ✓

SECOND-LONGITUDINAL NUMERAL

$L(B+D) = 459,84 (60 + 40,833) = 46367,05$

PROPORTION = $\frac{L}{L+B} = \frac{459,84}{40,833} = 11,2615$ ✓

— POOP —
SIDE PLATING 42 ✓
STRINGER ANGLE 4 3/2 x 3/2 x .38 ✓
STRINGER PLATE 39 x .38 ✓
DECK PLATING 30 *with beam* ✓
BEAMS WILL BE SUBMITTED ✓

— FORECASTLE —
SIDE-PLATING .44 ✓
STRINGER-ANGLE $\angle 3\frac{1}{2} \times 3\frac{1}{2} \times .38$ ✓
STRINGER-PLATE $36 \times .38$ ✓
DECK-PLATING .36 ✓
BEAMS WILL BE SUBMITTED. ✓

DOUBLE - BOTTOM - PLATING			
	AT	END	ROOM
CENTRE-GIRDERS	100.5	1.68	1.62
MARGIN-PLATE	42.43	.57	.57
FLOOR-PLATES	1.44	.44	1.44
STRIPS-GIRDERS	1.44	.44	1.44
BRAKETS-WIDE TANK	.44	.44	.44
MIDDLE-LINE STRAKE	56.60	.50	.56
INNER-BOTTOM-PLATING	.48	.42	.55
TANK SIDE-BRACKET			.55
OIL OR WATER-TIGHT FLOOR	.52	.52	.52
TRANSVERSE PLATING IN WAY OF WATER-TIGHT HEADS, MARGIN-PLATES AND MIDDLE-LINE			

[illegible]

margen connections and depth
of margin plate aft of machinery
space to be considered.

"AACTEKERK"

VER. NED. SCHEEPVAARTMAATSCHAPPIJ

VRACHTSCHIP 460'-0"

MIDSHIP-SECTION.

DATUM: 16-9-'32 ONTWERP NO 112

GEZIEN: TEEK: 3

—■ PRELIMINARILY-APPROVED. ■—

= LLOYD'S =

COMP

MS.

GEN. **"AAGTEKERK"** #22

Ans 13119.

X1140-0167



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GEN. BOX N2 1222

Mudshp. Section

See later
plan



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Indische Section

"AAGTEKERK"

Ans 13119.

W 140- 0173



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Midship Section

GEN. BOX NO 1224

See later plan

W140-0173



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Friendship Section

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Clarkson

"AAGTEKERK"
GEN. BOOK

Ans 13119.

Nederlandsche Scheepsbouw.

Yard no. 226.

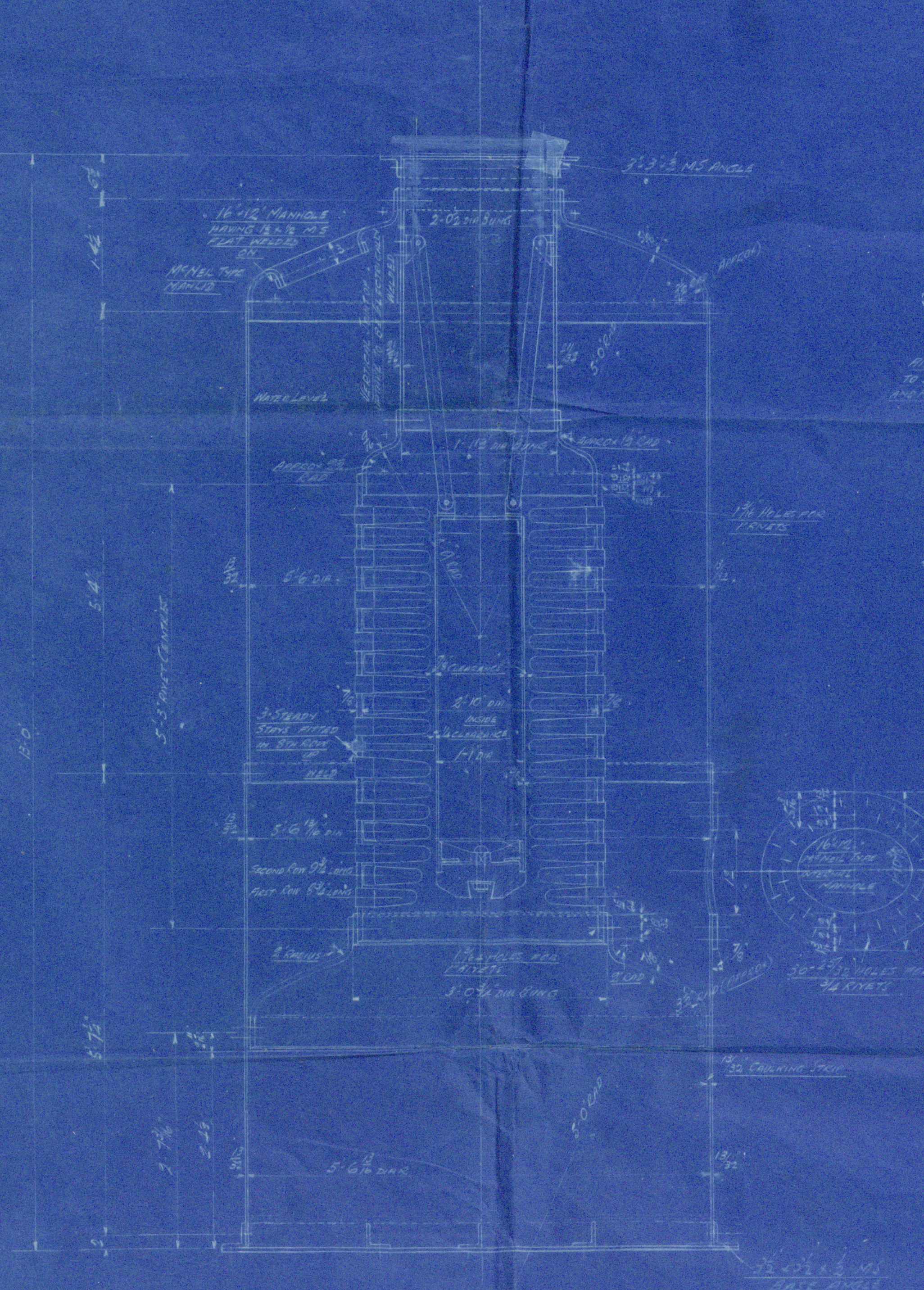
Vertical Boilers

XII 40-0168

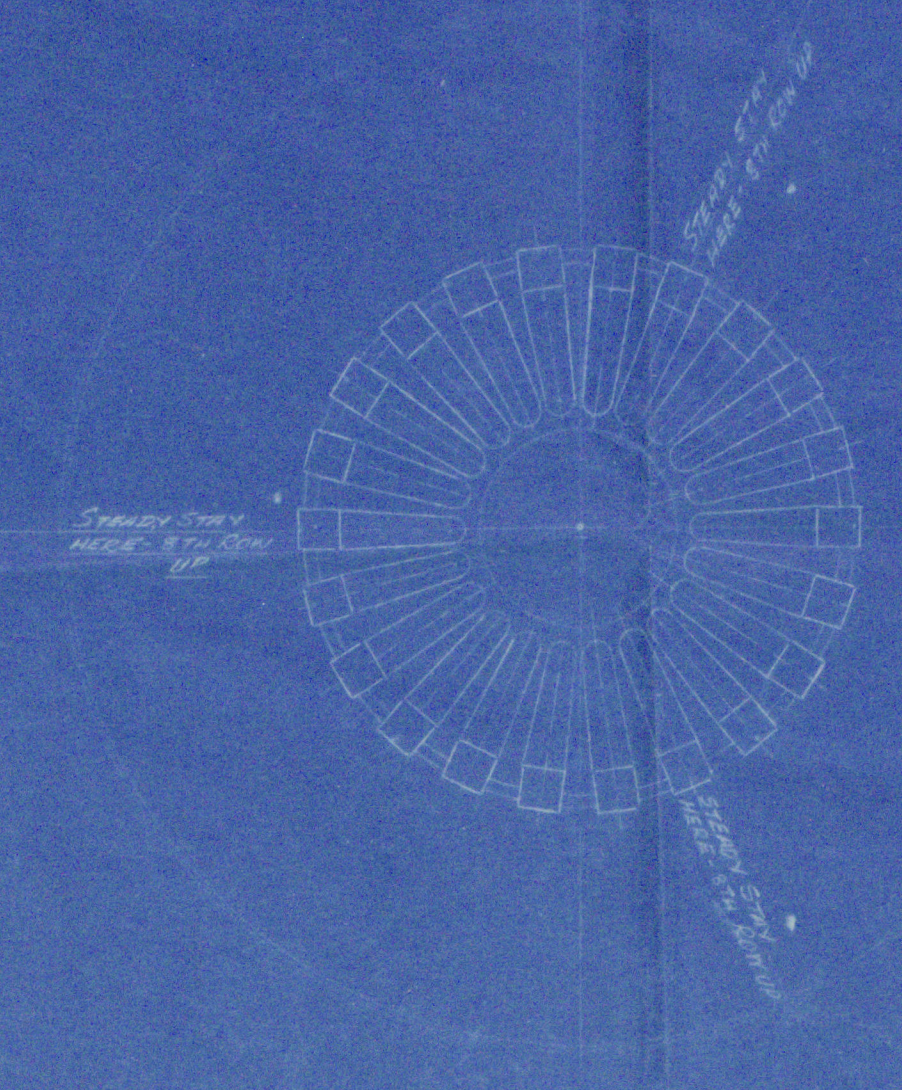


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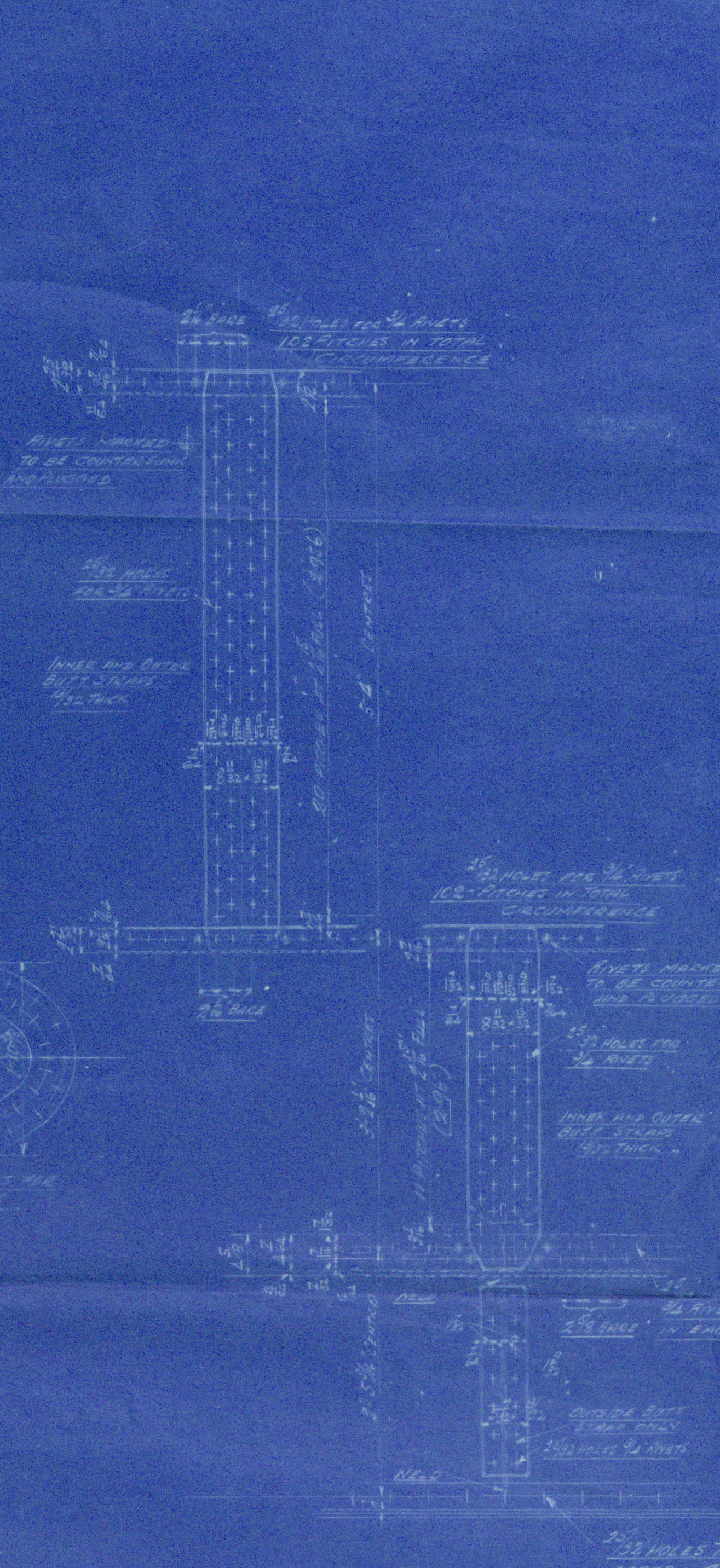
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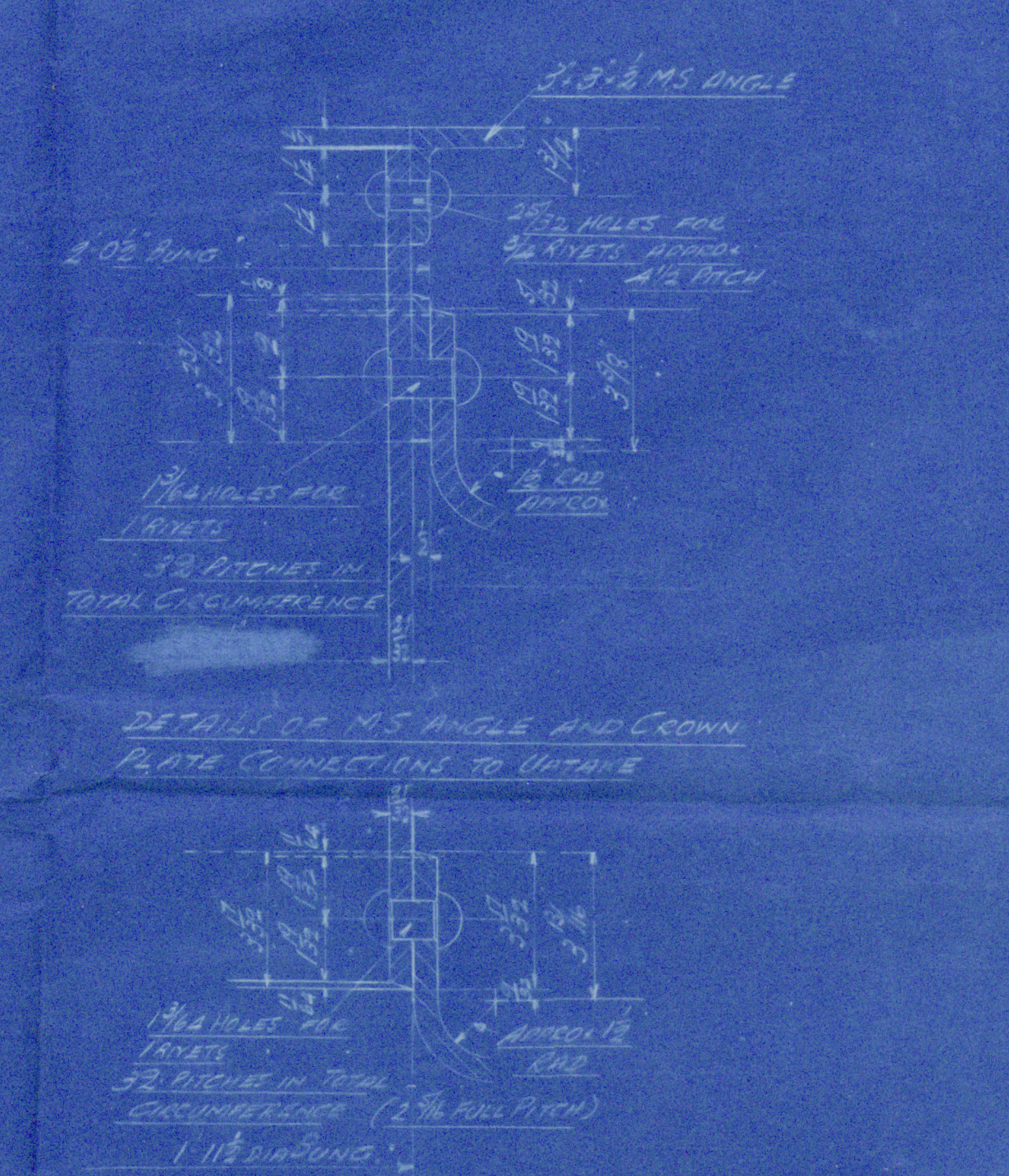
SECTIONAL ELEVATION



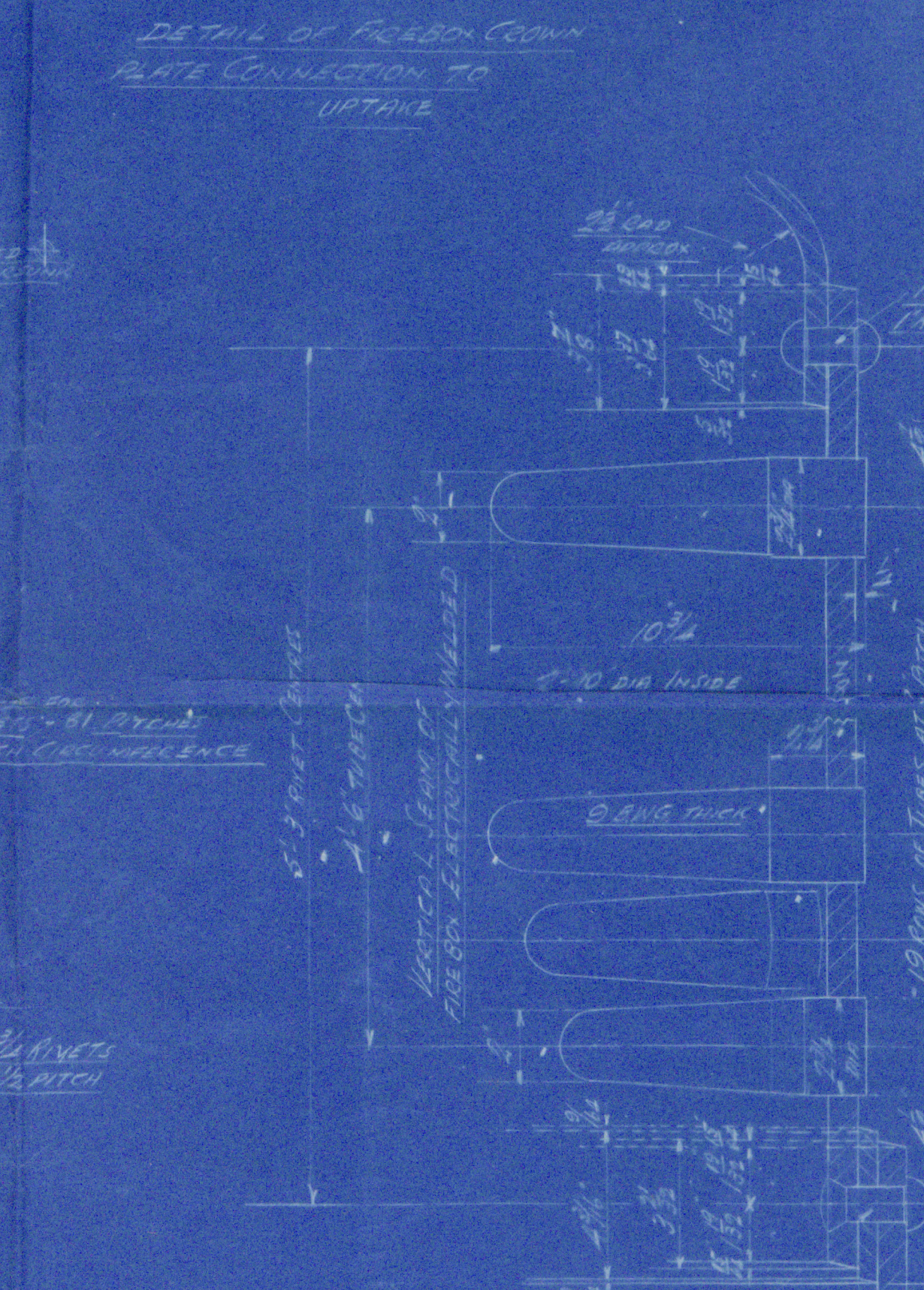
SECTIONAL PLAN



DETAIL OF SMALL SEAMS



DETAIL OF M.S. ANGLE AND CROWN PLATE CONNECTION TO UPTAKE



DETAIL OF FIREBOX SEAMS

LIST OF MOUNTINGS		
NO	SIZE	DESCRIPTION
1	1/2"	BS MARINE SAFETY VALVE WITH SHUTTING GEAR
1	2"	STEAM STOP VALVE
1	1"	FEED CHECK VALVE
2 SEPI	2"	WATER GAUGE 1/8" COUPLER WITH ROTATIONS
1	1"	SAFETY VALVE WITH INTERNAL PAN
1	1/2"	BLIND OFF VALVE
1	1/2"	SHUTTING GEAR
1	2 1/2"	PRESSURE GAUGE MARKED INITIAL
1	2 1/2"	PRESSURE GAUGE COOK WITH COUPLER 1/8" & 1/2" COUPLER
1	2 1/2"	FLUE GATE

WORKING PRESSURE 120 LBS.
TEST 220 LBS.

SIEMENS MARTIN ACID QUALITY BOILER PLATES		
THICKNESS	WEIGHT	DESCRIPTION
3/16"	25 1/2 TONS	20" DIA
1/4"	26 1/2	24" DIA
5/16"	28 1/2	28" DIA
3/8"	31 1/2	32" DIA
1/2"	35 1/2	36" DIA
5/8"	39 1/2	40" DIA
3/4"	43 1/2	44" DIA
7/8"	47 1/2	48" DIA
1"	51 1/2	52" DIA
1 1/8"	55 1/2	56" DIA
1 1/4"	59 1/2	60" DIA
1 1/2"	63 1/2	64" DIA
1 3/4"	67 1/2	68" DIA
2"	71 1/2	72" DIA
2 1/4"	75 1/2	76" DIA
2 1/2"	79 1/2	80" DIA
2 3/4"	83 1/2	84" DIA
3"	87 1/2	88" DIA
3 1/4"	91 1/2	92" DIA
3 1/2"	95 1/2	96" DIA
3 3/4"	99 1/2	100" DIA
4"	103 1/2	104" DIA
4 1/4"	107 1/2	108" DIA
4 1/2"	111 1/2	112" DIA
4 3/4"	115 1/2	116" DIA
5"	119 1/2	120" DIA

HEATING SURFACE APPROX. 2,485 SQ. FT.

ARRANGEMENT AND DETAIL OF CLARKSON PATENT OIL FIRED BOILER
2 REQUIRED.

TYPE 840/220

ALL MATERIALS STOCK AT C.E. (K.N.S.M. CONTRACT) SCALES 1/4" = 1' 0"
CONSTRUCTED TO LLOYD'S REQUIREMENTS AND DUTCH STEAM LAW

W.G.F.
14/2/33.

W.D.A.

EDWIN DANKS & CO. (OLDBURY) LTD.
OLDBURY, N.A. BIRMINGHAM.

DRAWN BY W.D.A. TRACED BY
CHECKED BY
DATE 1/2/33

ORDER NO. 67154

M.V.

Cragt kish

Ann 13119.

Oil fired Vertical Boilers

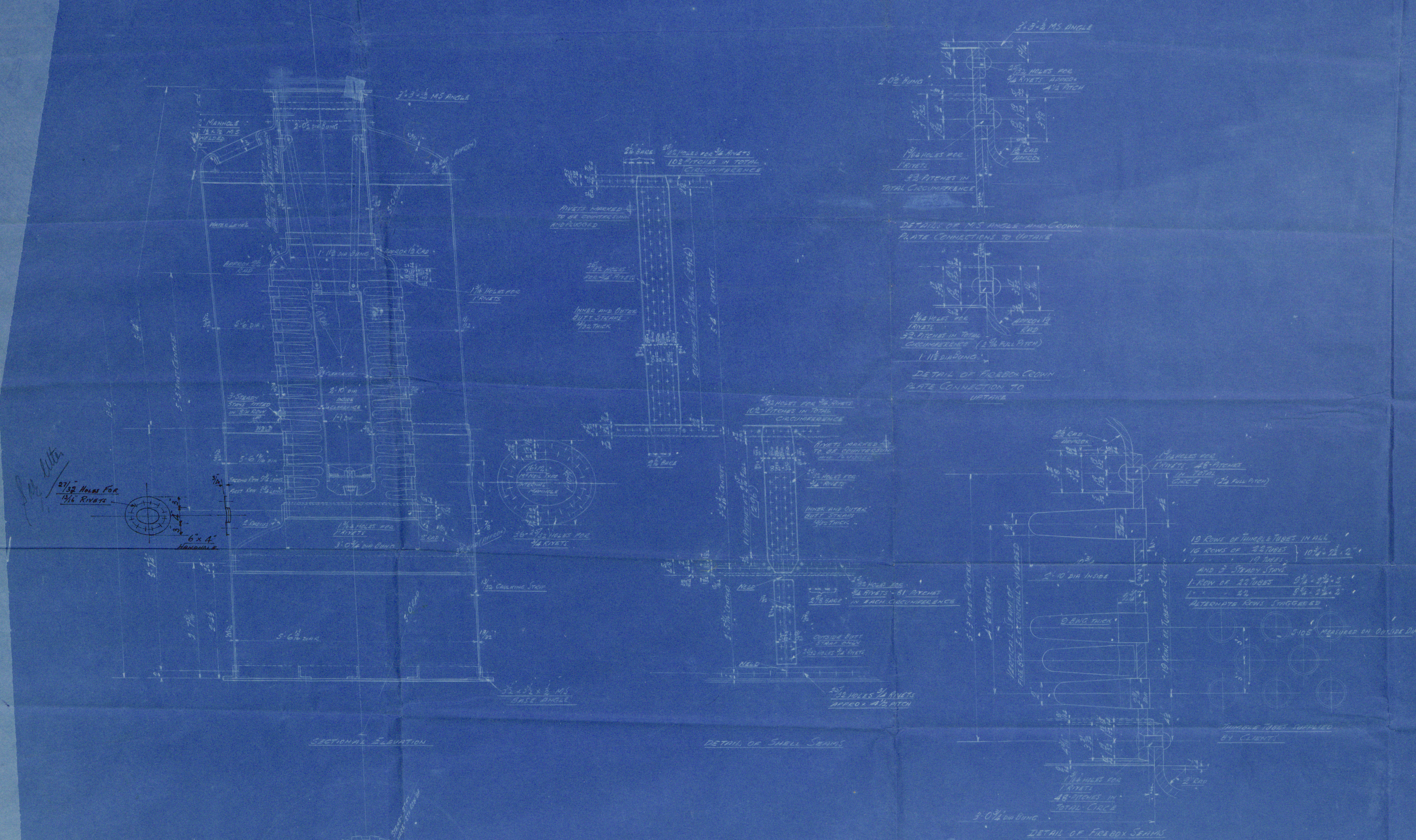
X1140-0164



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Foundation

14/2/33



LIST OF MOUNTINGS		
Nº	SIZE	DESCRIPTION
1	1 1/2"	25 MARKING SAFETY VALVE WITH EXHAUST
1	2"	STEAM STOP VALVE
2	1"	FEED CHECK VALVES
8 SETS	2"	WATER CHARGES 1/8 COCK WITH ROBERTSON
1	1"	SAFETY VALVE - WITH INTERMEDIATE PAN
1	1/2"	FLAM OFF VALVE
1	1/2"	SAFETY STOP COCK
1	2"	PRESSURE GAUGE MARKED 150 LBS
1	2"	PRESSURE GAUGE MARKED 150 LBS
1	2"	PRESSURE GAUGE MARKED 150 LBS
1	2"	PRESSURE GAUGE MARKED 150 LBS

SHEARS MARTIN ACID QUALITY ROLLER PLATES		
DESCRIPTION	THICKNESS	LENGTH
SHARPENED BUTT Joints	25/30 TON P.	20' 0"
SHARPENED BUTT Joints	25/30 TON P.	20' 0"
SHARPENED BUTT Joints	25/30 TON P.	20' 0"
SHARPENED BUTT Joints	25/30 TON P.	20' 0"

WORKING PRESSURE 160 LBS. S.G.
250 LBS. S.G.

HEATING SURFACE AREA 22850 S.F.

ARRANGEMENT AND DETAIL OF CLARKSON PATENT OIL FIRED BOILER
2 REQUIRED

TYPE DATA 1440

20K WORK SHOP AT THE (K.N.S.M. CONTRACT) 25/1/33
CONSTRUCTED TO LLOYD'S REQUIREMENTS AND DUTY TRAINING

W.G.F.
14/2/33

EDWIN DANKS & CO. (OLDBURY) LTD.
OLDBURY, NR. BIRMINGHAM.
DRAWN BY 14/11
CHECKED BY
DATE 8/2/33

ORDER NO. 67134

Clarkson Boilers

Nos. 474/475

Agtekerk Anno 1319.

Almkerk.

Shf. Rpt. No 442

W1140-0165



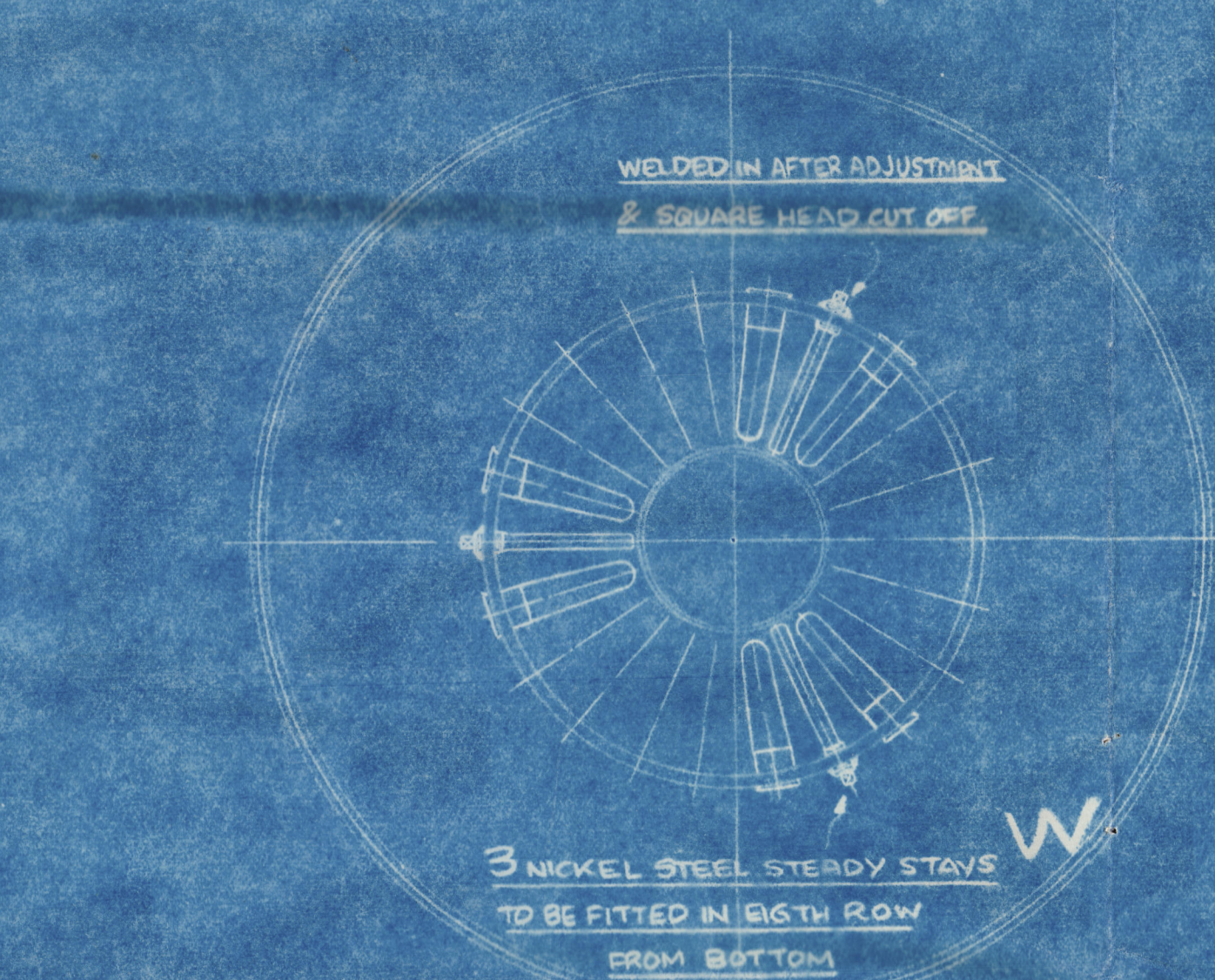
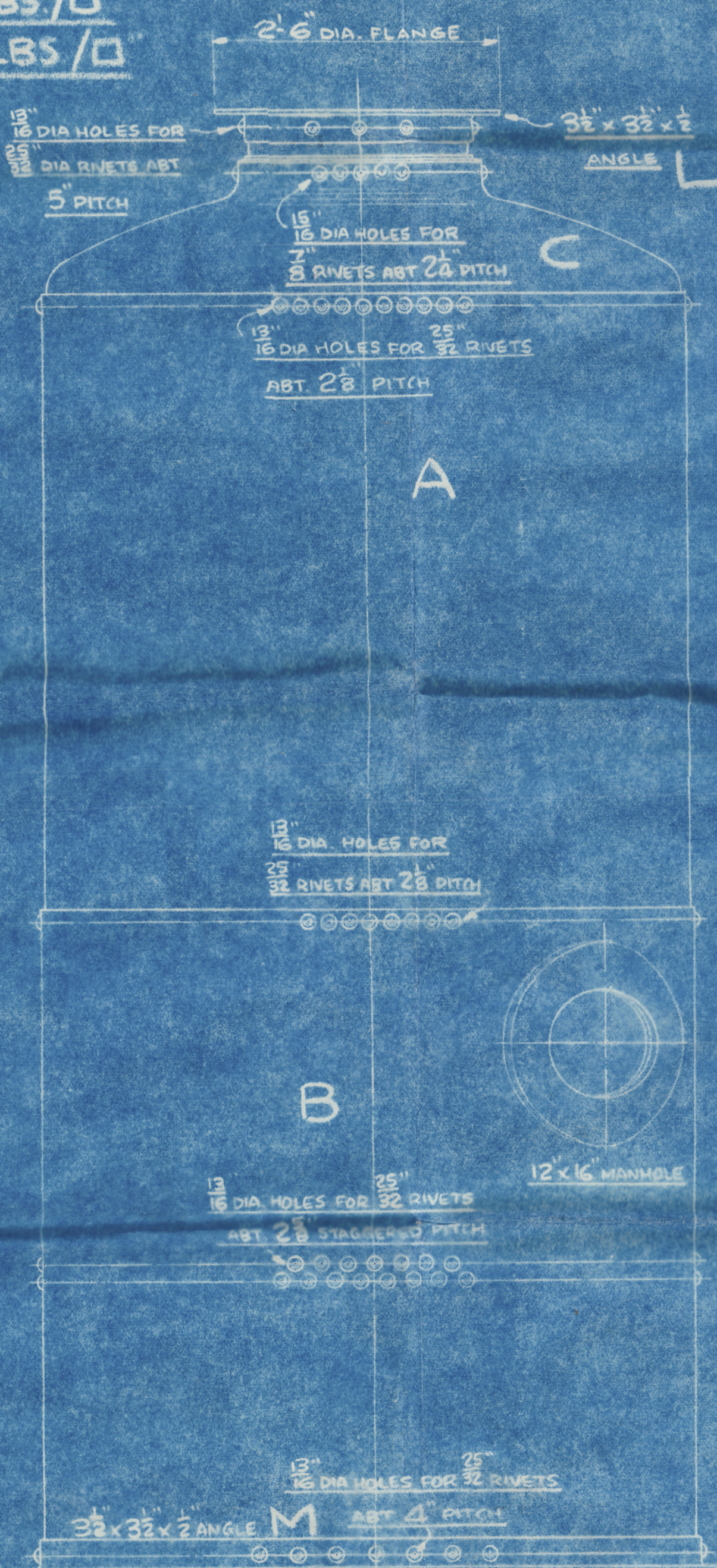
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ORDER NO	REQUIRED	REMARKS
AL 4748	ONE L.H. BOILER AS DRAWN (CONTRACT NUMBER 497)	CLARKSON TUBULAR TUBE BOILER (1400)
AL 4758	ONE R.H. BOILER (OPPOSITE HAND) (CONTRACT NUMBER 498)	{OR AMSTERDAM}
	LDON	

[illegible]

An oval-shaped purple ink stamp. The outer border contains the text "DAVY BROTHERS LIMITED" at the top and "SHEFFIELD" at the bottom, separated by small stars. Inside the oval, the word "ENGINEERS" is centered, with "PARK IRON WORKS" written below it. Above "ENGINEERS" is the word "No." followed by a horizontal line.



TUBES EXPANDED IN AND BELL MOUTHED

9 B.W.G. THICK

2 3/4" DIA.

10 3/4"

TUBES EXPANDED IN AND BELL MOUTHED

9 B.W.G. THICK

2 3/4" DIA.

9 3/4"

TUBES EXPANDED IN AND BELL MOUTHED

9 B.W.G. THICK

2 3/4" DIA.

10 3/4"

THIMBLE TUBES (2ND ROW FROM BOTTOM)

THIMBLE TUBES (BOTTOM ROW)

LIST OF MATERIAL FOR ONE BOILER

PRT	NO OF	MATL	DESCRIPTION
A	1	M.S.	TOP SHELL RING $\frac{1}{8}$ " THICK
B	1	" "	BOTTOM " " $\frac{1}{8}$ " "
C	1	" "	DISHED & FLANGED CROWN PLATE $\frac{3}{8}$ " THICK
D	1	" "	" " BOTTOM " $\frac{1}{8}$ " "
E	1	" "	FIRE BOX CROWN PLATE $\frac{1}{8}$ " THICK
F	1	" "	FIREBOX TUBE PLATE $\frac{3}{8}$ " THICK
G	1	" "	CAULKING RING $3 \times \frac{1}{2}$
H	1	" "	" " " $4\frac{1}{2} \times 1"$
J	1	" "	UPTAKE PLATE $\frac{1}{8}$ " THICK
K	1	" "	MANHOLE DOUGHLASS PLATE $\frac{1}{8}$ " THICK
L	1	W.S.	$32 \times 32 \times \frac{1}{2}$ ANGLE RING FOR UPTAKE
M	1	" "	$32 \times 32 \times \frac{1}{2}$ " " BASE
N	1	" "	$32 \times 32 \times \frac{1}{2}$ " " INSIDE BASE
O	3	" "	$32 \times 32 \times \frac{1}{2}$ ANGLE STIFFENERS
P	1	M.S.	COMBUSTION CHAMBER BOTTOM PLATE $\frac{1}{2}"$ THICK
Q	2	" "	TOP RING BUTTSTRAPS $8\frac{1}{2} \times 1\frac{1}{2}"$ THICK
R	2	" "	BOTTOM " " $8\frac{1}{2} \times 1\frac{1}{2}"$
S	1	" "	" " STRAP $5\frac{1}{2} \times \frac{1}{8}"$
T	371	P.S.	THIMBLE TUBES $10\frac{1}{2} \times 2\frac{1}{2} \times 9$ B.W.G. THICK.
U	22	" "	$9\frac{1}{2} \times 2\frac{1}{2} \times 2 \times 9$ B.W.G. "
V	22	" "	$8\frac{1}{2} \times 2\frac{1}{2} \times 2 \times 9$ B.W.G. "
W	3	WHEEL STEEL	STEADY STAYS
X	3	P.S.	SPARE THIMBLE TUBES $10\frac{1}{2}"$ LONG
Y	3	" "	" " " $9\frac{1}{2}"$ "
Z	3	" "	" " " $8\frac{1}{2}"$ "
A	1	" "	MENS 12×6 MANHOLE LD (FOR CROWN) COMPLETE WITH STUDS & CROSSBARS
B	1	" "	" " 12×6 " " (") " " " "
C	1	" "	CENTRE BAFFLE COMPLETE (USED IN DETAIL ON Dwg NO.)
D	2	W.S.	$4 \times 3 \times \frac{1}{2}$ SUPPORT BRACKETS FOR CENTRE BAFFLE
E	2	" "	$6 \times 3 \times \frac{1}{2}$ TEE BRACKETS
F	4	" "	$2 \times \frac{5}{8}$ FLATS
G	4	" "	WASHERS $2\frac{1}{2}$ DIA $\times \frac{3}{8}$ THICK
H	4	" "	$1"$ DIA TURNED PINS $\times 2\frac{1}{2}$ LONG
J	4	" "	$\frac{1}{2}$ DIA SPLIT PINS
K	4	" "	STUDS $\frac{3}{4}$ DIA $\times 2"$ LONG WITH NUTS
L	4	WASHERS	RIVETS.

SCALES: - 1", 1 1/2" & 3" = 1 FOOT

B.10318

W140-0165

Gebr. Stork & Co
LLOYD'S REGISTER OF SHIPPING
PRINS' HENDRIKKADE 88
AMSTERDAM C. TEL. 48000

*Plan of exhaust heat-
boilers
intended for the
M.V. "Stagheerk"
M.V. "Velmheik"*

X1140-0132



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Ord. 903429: Katelno. 5296, Kaartno. 53296

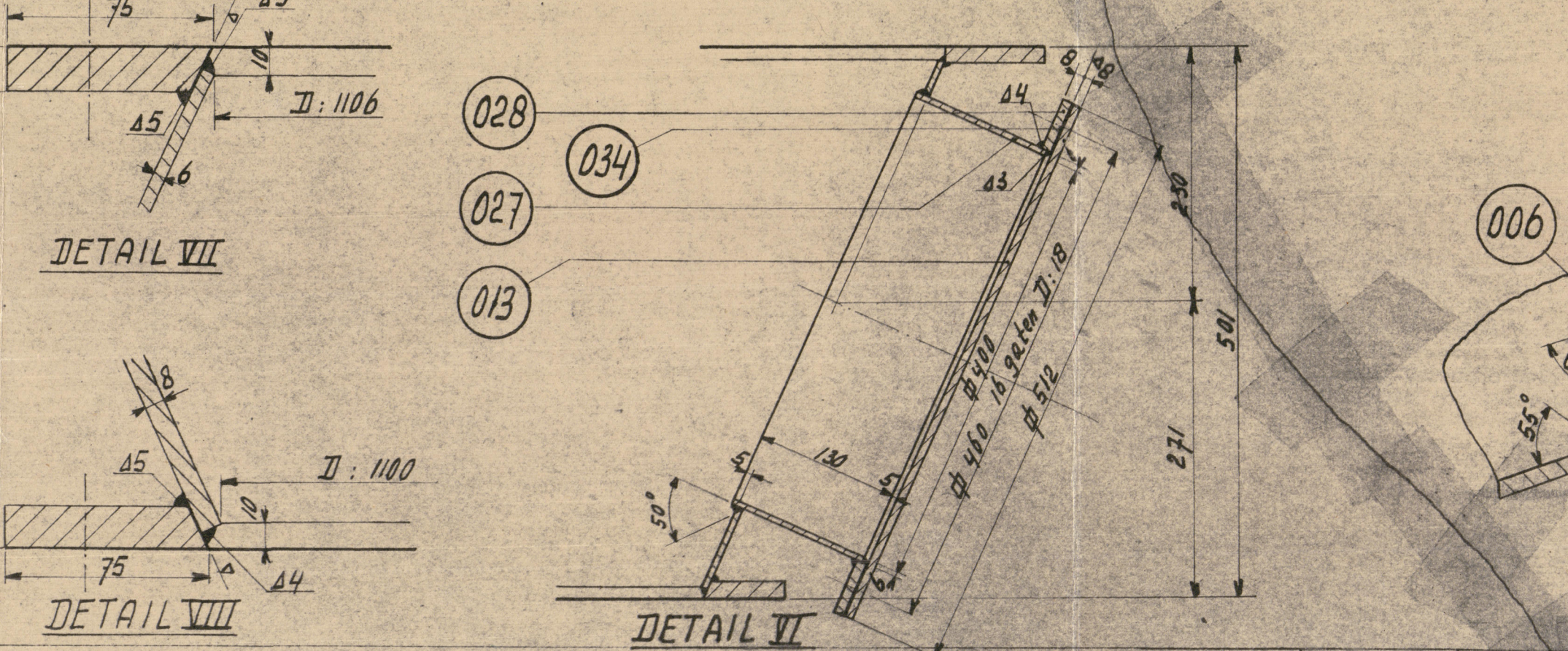
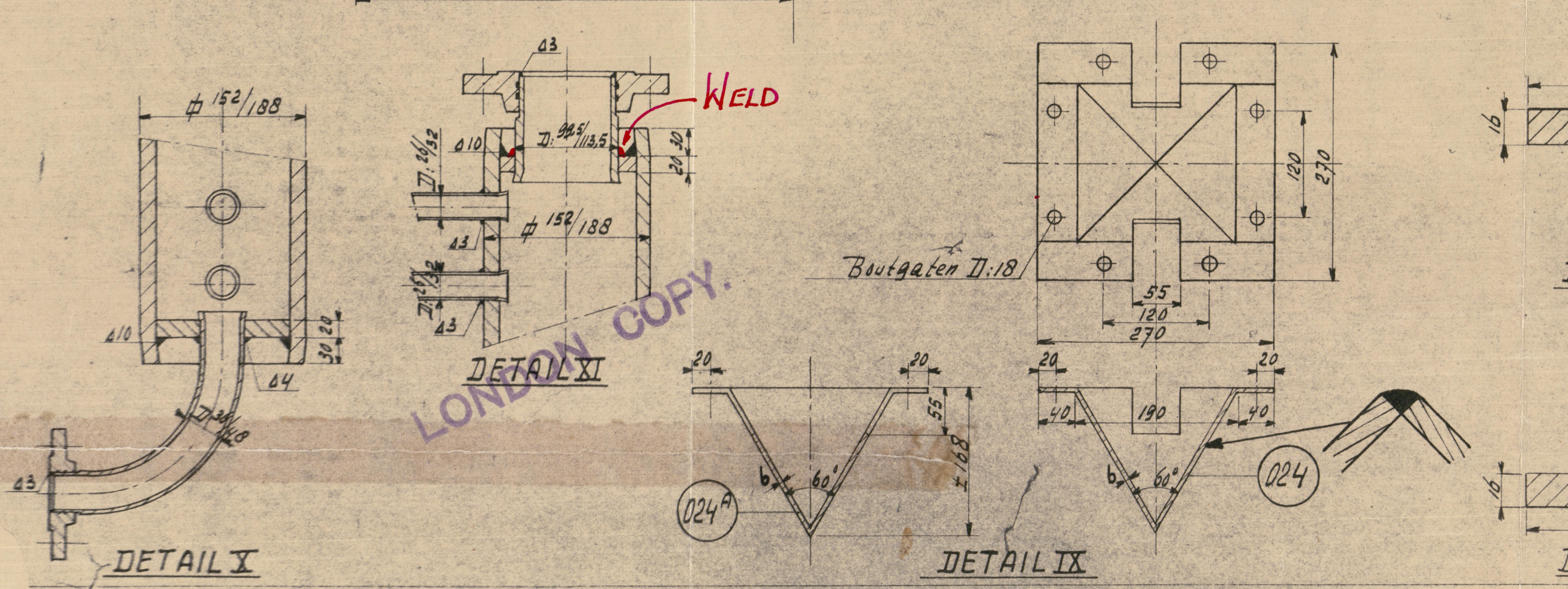
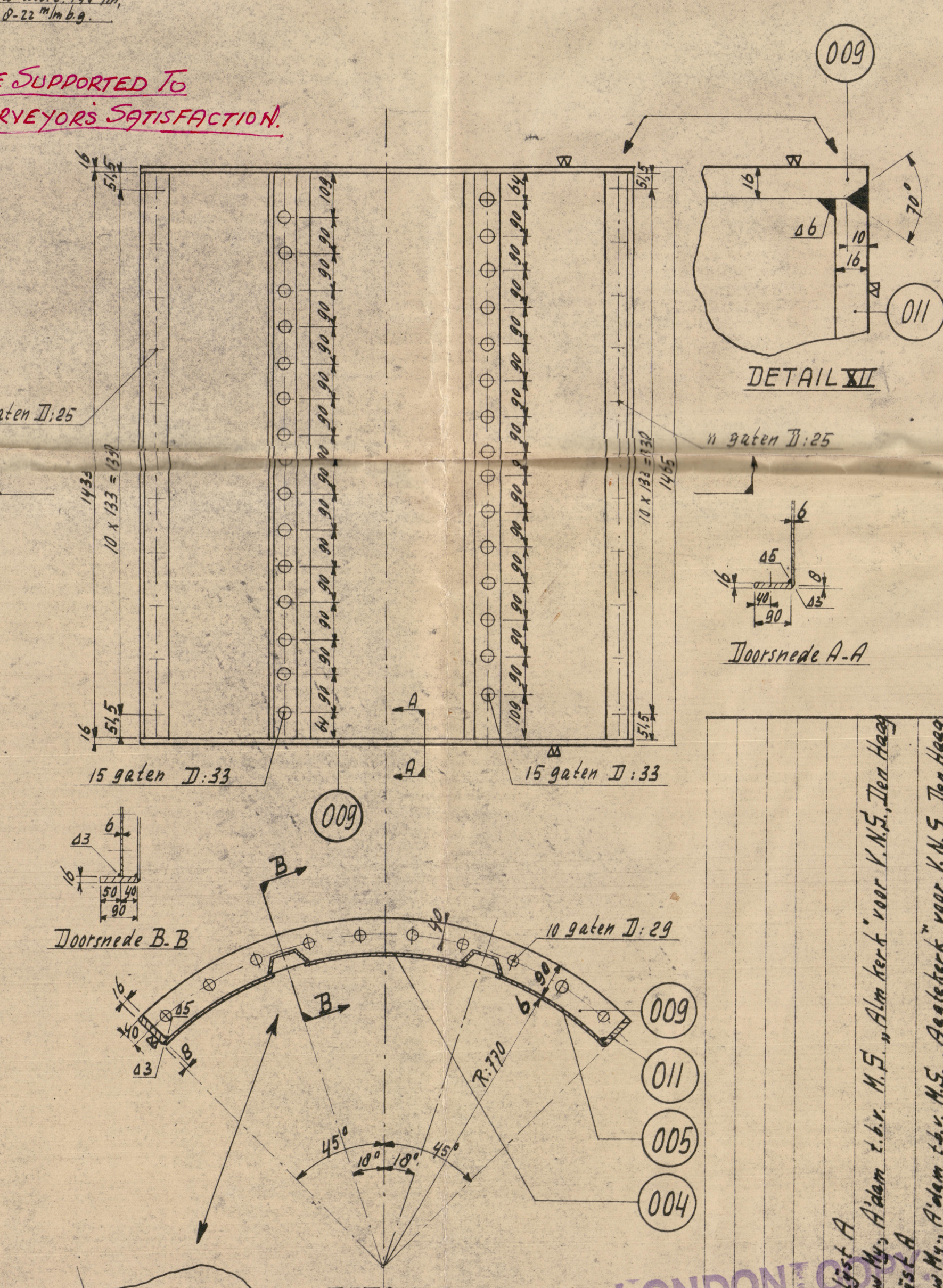
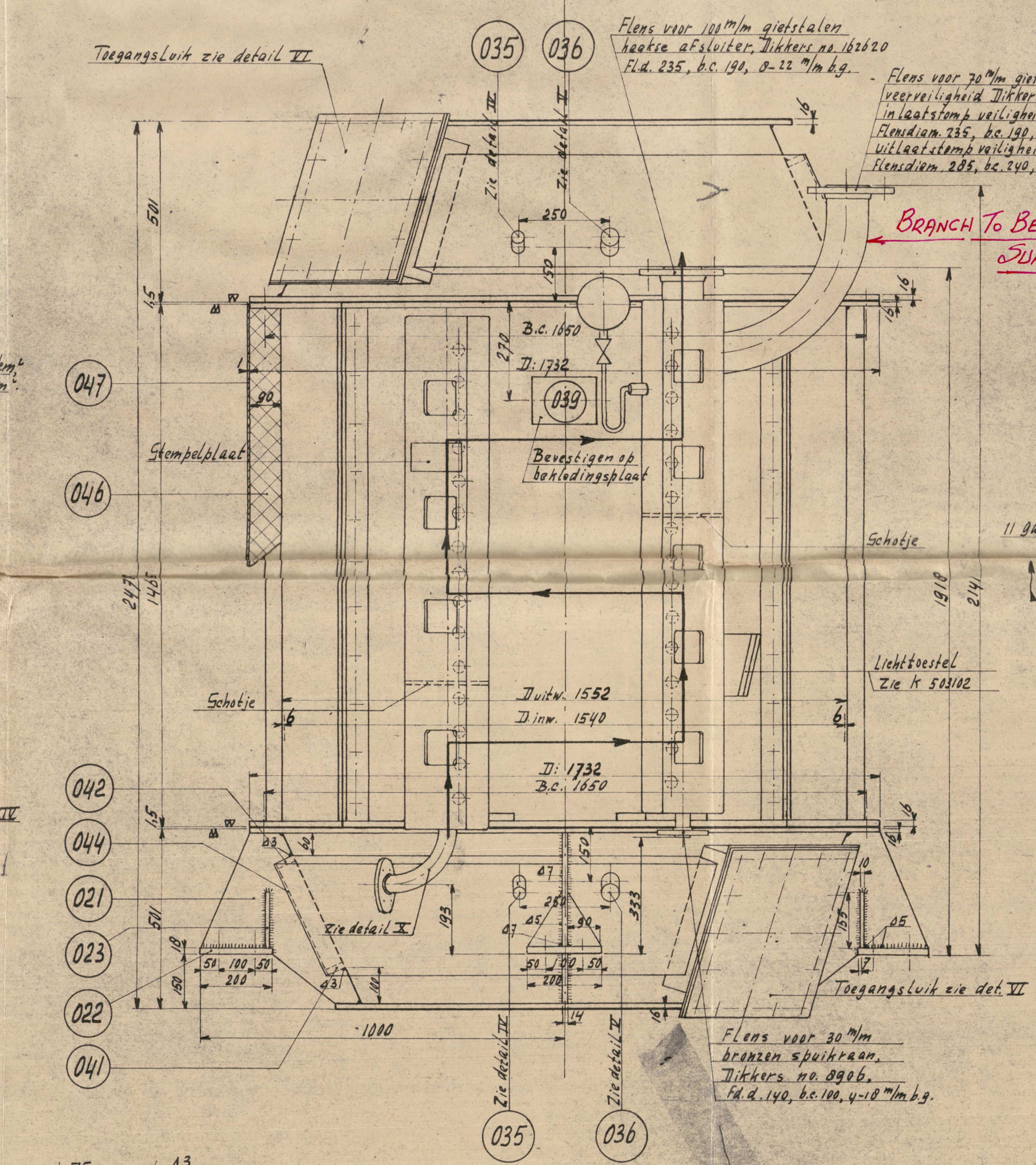
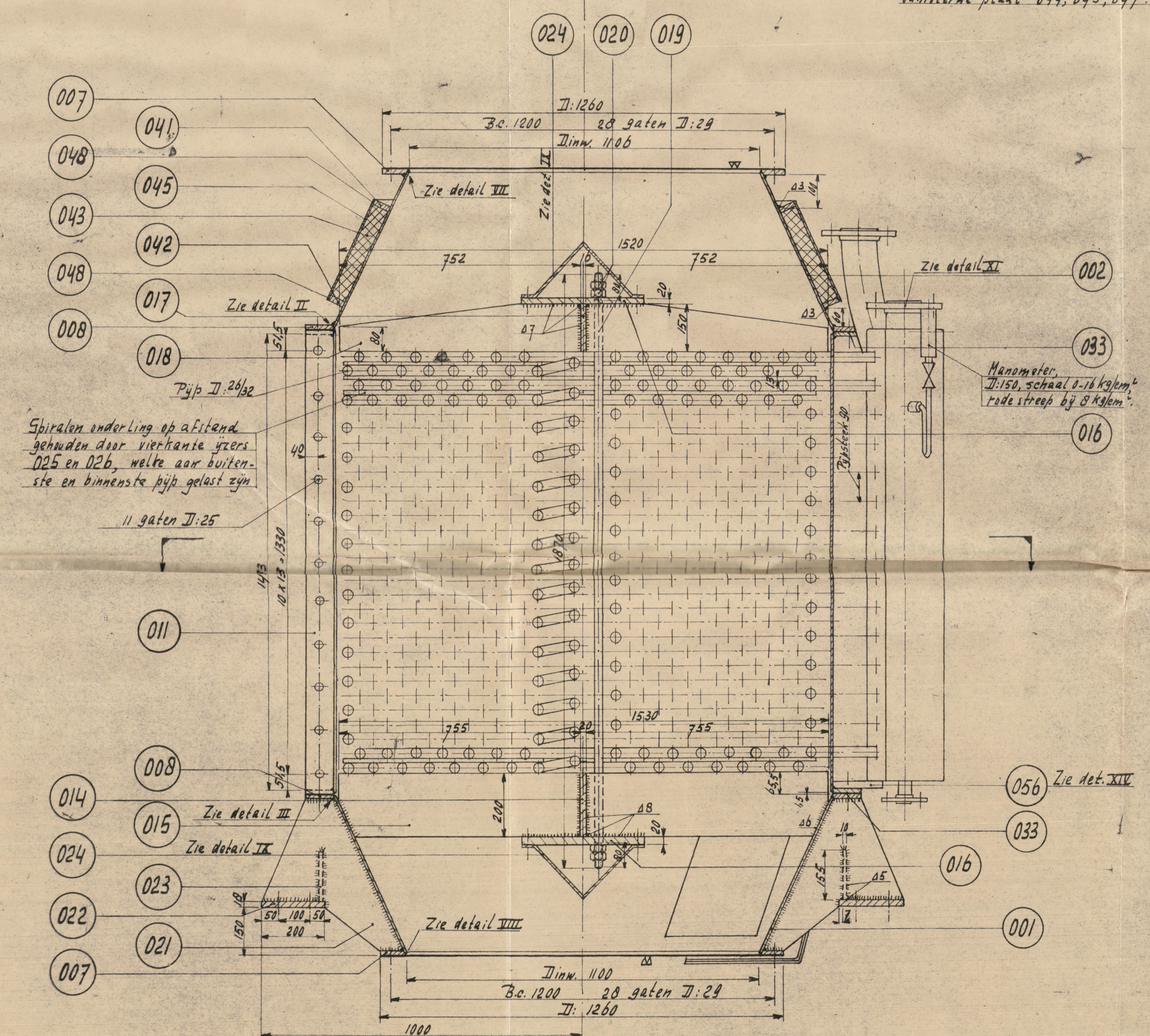
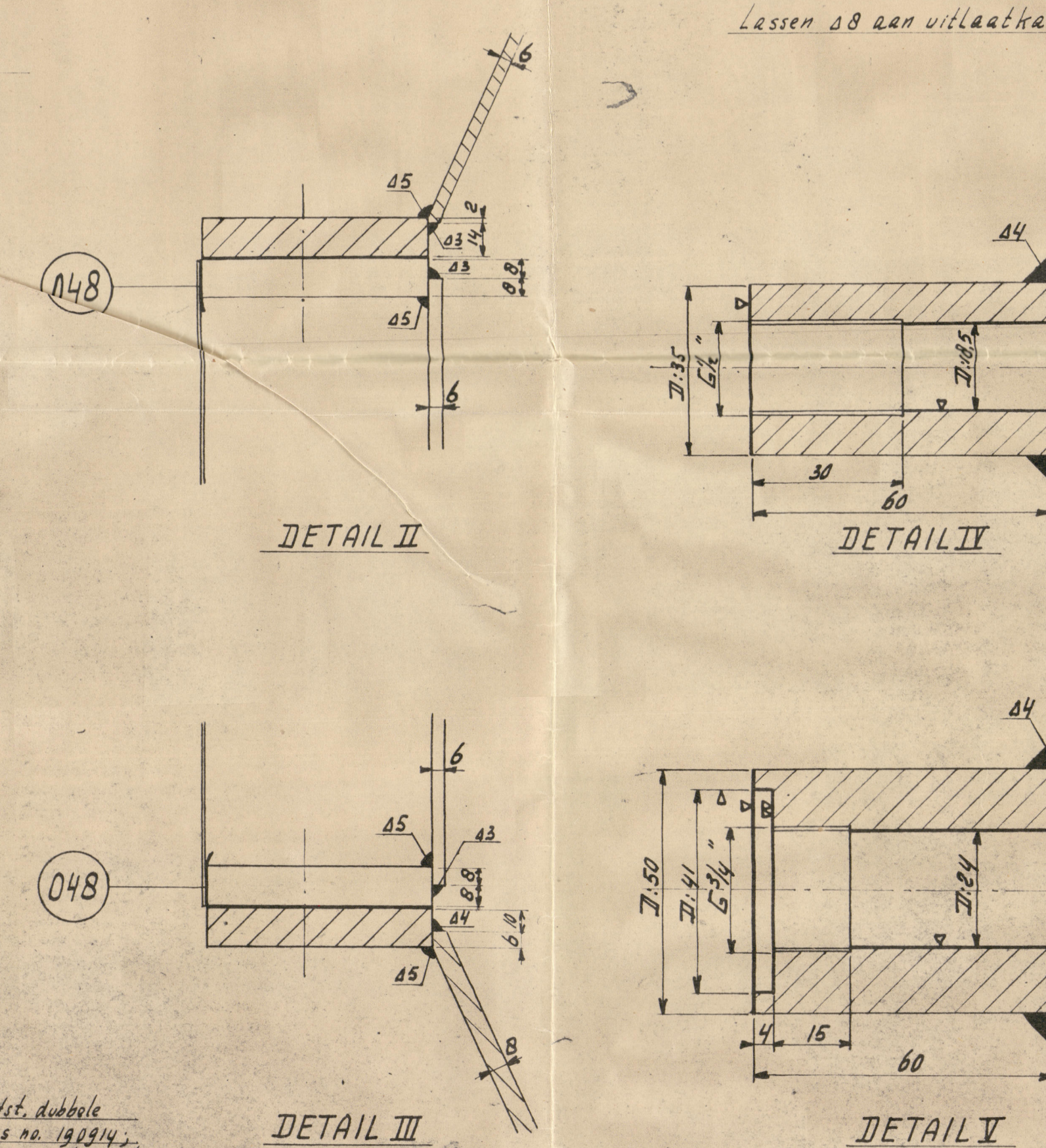
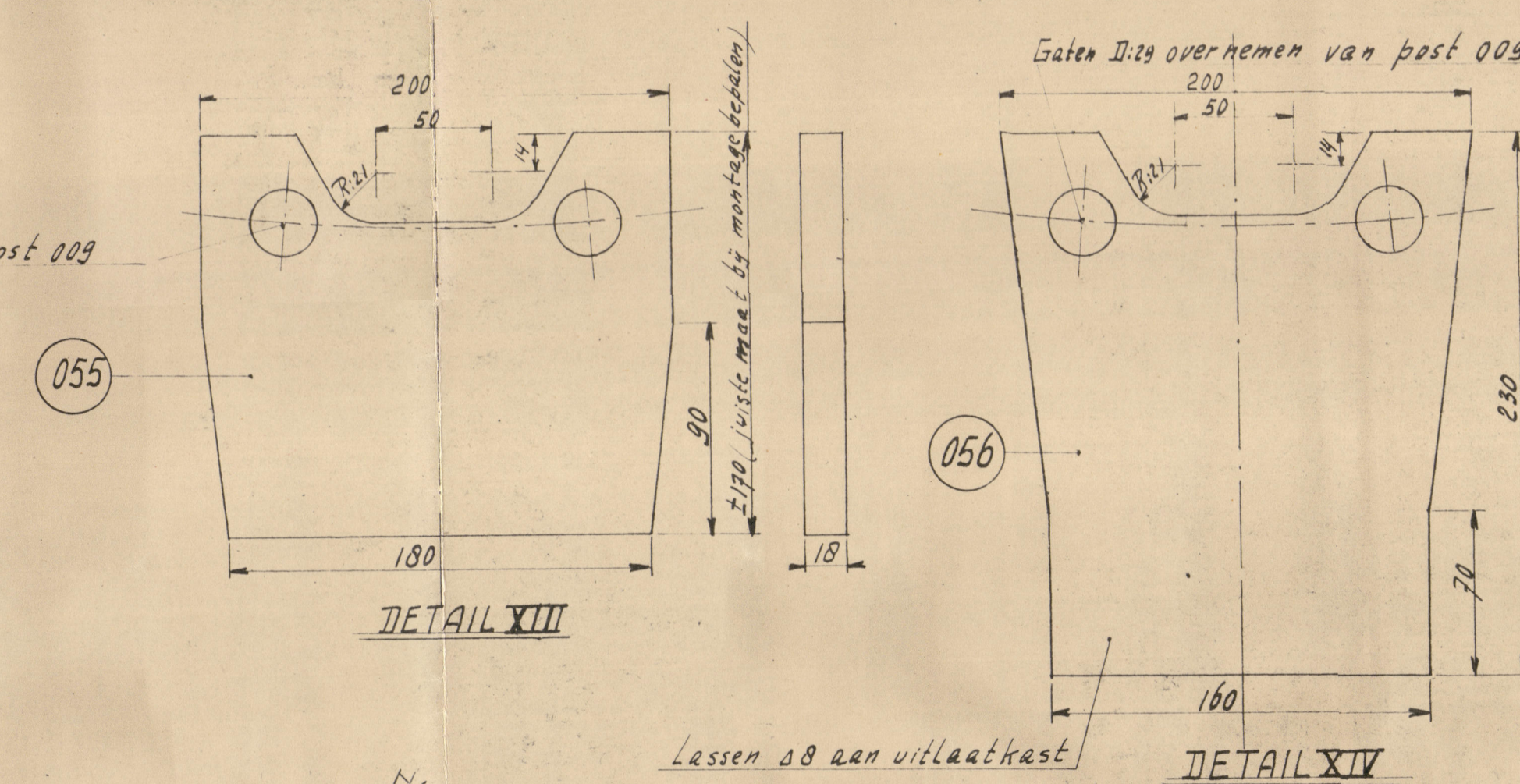
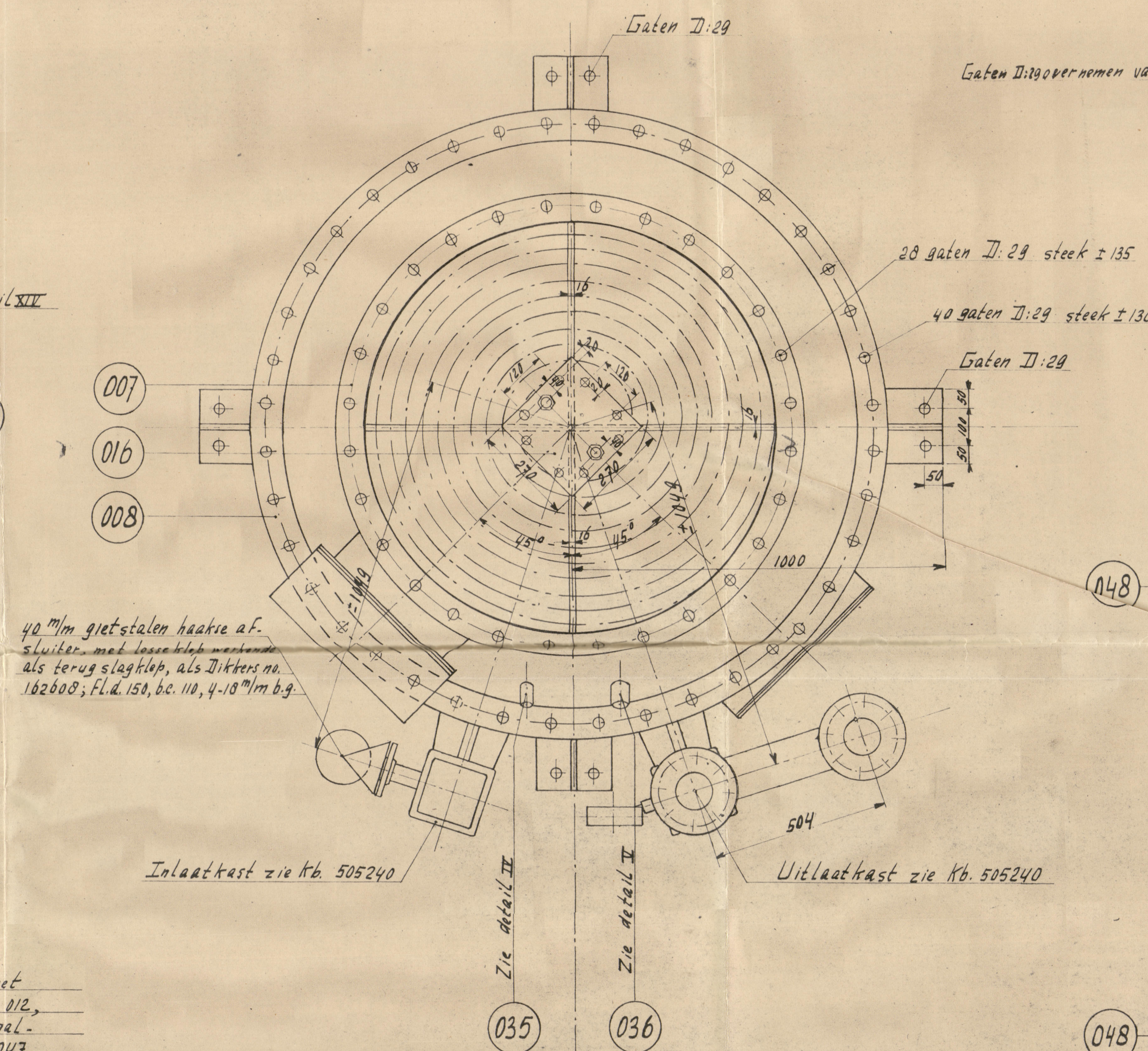
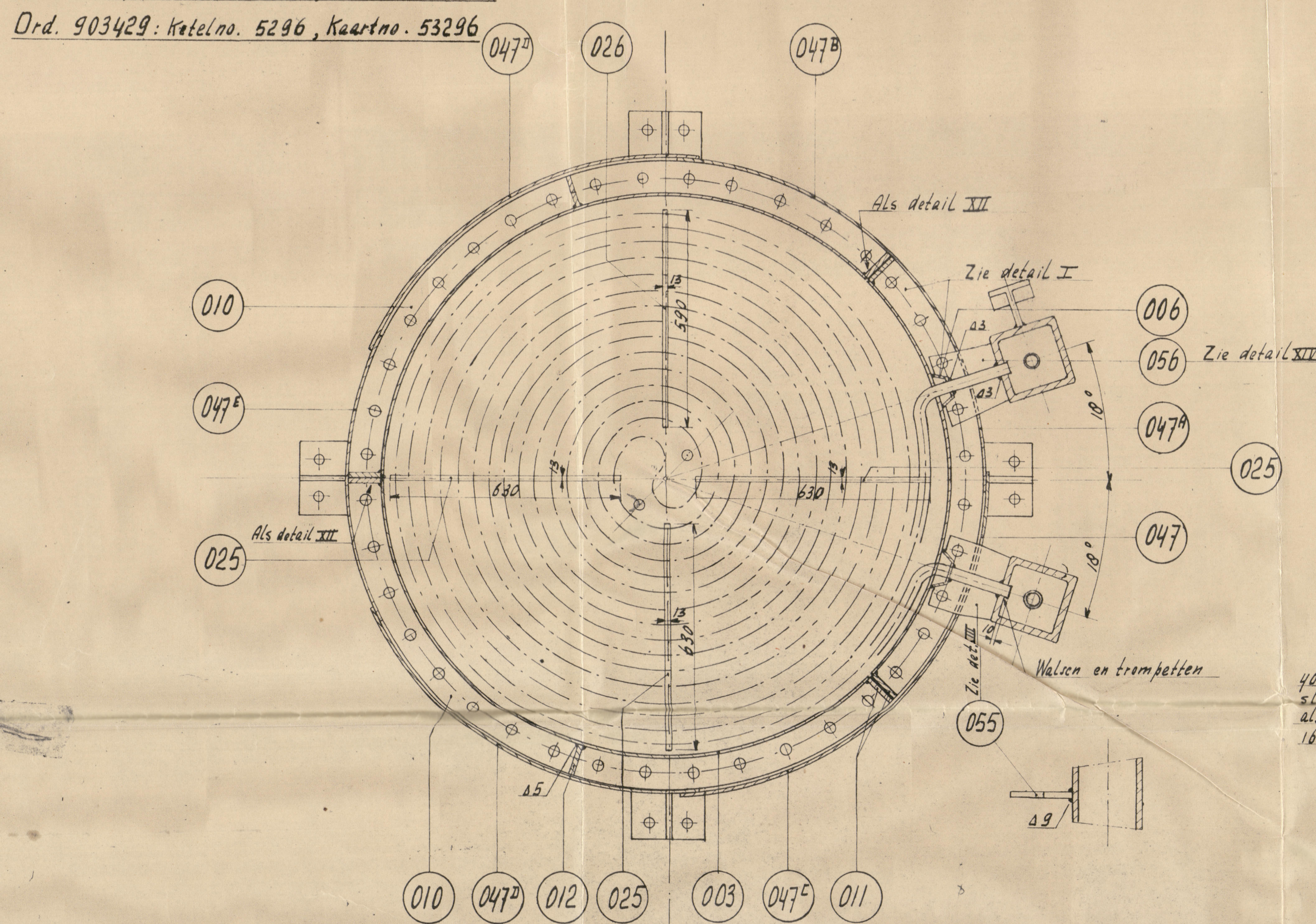
Ord. 903429: Katelno. 5296, Kaartno. 53296

UITLAATGASSENKETEL M.S. "ALMKERK" V.N.S. DEN HAAG

KEUR ENG. LLOYD
PERSDRUK 15.5 KG/CM²

KEUR STOOMWEZEN
PERSDRUK 13,4 KG/CM²

KLONTSIG
PERSDRUK
LONDON COPY



nr	omschrijving	maat	hoeveelheid	merk	toel.
20	4"m koperen klinknagels	MAAG	R.K.	1081	5425
1	1" Hoerbouten lang 75 voor 055 en 056	MAAG		690	495
4	056 Steun voor uitlaat kast, dik 18"m		stooop		
1	055 Steun voor inlaat kast, dik 18"m		stooop		
	vestiging van 054 en 045	Mag.		854	1419
180	1/2 schroeven met bolle kop 6x10 voor be.				
6	053 3/8" Hoerboutjes 6x25 voor 051	Mag.	Rood- rijper	690	354
	op 003, 010, 011, 012, 041, 042	Mag.		1081	30025
18	052 Klinknageltjes d=5 6x10 voor bevestiging				
6	051 Trekken (bevestigen een 050)	Mag.		2894	11040
	bevestiging van 047		blank houtloos		
3	050 Trekbanden 35x145 lang 5450 voor				
	op 003, 010, 011, 012, 041, 042		extensie		
2	049 ka. extensie voor het plakken van 048				
	van 044, 045, 047	Mag.		1184	11340
38	048 Meter asbestband 20x15 voor isolatie				
1	047 Plaatbekleding dik 1"m voor 003, 004, 005		gegalv. staaf		
1	046 Asbestmatsbedekking voor 003, 004, 005	BB	(inclusief montage)		
1	045 Plaatbekleding dik 1"m voor 002		gegalv. staaf		
1	044 Plaatbekleding dik 1"m voor 001		gegalv. staaf		
40	43 ks. slattenwiel voor isolatie van 001 en 002	Mag.	slatten wiel		
2	042 Plat 50x16 voor isolatie van 001 en 002		stoo		
2	041 Plat 50x16 voor isolatie van 001 en 002	Mag.	stoo Rood- rijper	1081	30025
	van naamblaat				
4	040 Klinknageltjes d=5 6x10 voor bevestiging				
1	039 Naamblaat	Mag.		2880	1545
2	038 Plug G 3/4" voor 036	Mag.		2493	3294
2	037 Plug G 1/2" voor 035				
2	036 Nak G 3/4" (D:50; L:60) voor thermometer		St. 43V		
2	035 Nak G 1/2" (D:35; L:60) voor U-buis		St. 43V		
36	034 Meter asbestband 45x13 voor 028	Mag.		1184	11347
14	033 Meter asbestband 85 x15 voor 003, 004, 010	Mag.		1184	11350
10	032 5/8" Hoerbouten lang 90 voor 024	Mag.		690	398
32	031 5/8" Hoerbouten lang 35 voor 013	Mag.		690	397
33	030 7/8" Hoerbouten lang 55 voor 011	Mag.		690	407
76	029 1" Hoerbouten lang 60 voor 003, 004, 010	Mag.		690	442
2	028 Flens voor toegangsluik uit plaatgijzer		stoo		
2	027 Rand voor toegangsluik uit 6"m plaat		stoo		
24	026 Vierkant ijzer 13 x13 lang 590		stoo		
27	025 Vierkant ijzer 13 x13 lang 630		stoo		
2	024 Gegalvaneerd uit 6"m plaatgijzer		stoo		
8	023 10"m plaatgijzer voor ondersteuning		stoo		
4	022 18"m plaatgijzer voor ondersteuning		stoo		
4	021 14"m plaatgijzer voor ondersteuning		stoo		
4	020 16"meeren voor 019	Mag.	St. H. 50	100	33
2	019 16"trekbraken lang 1870		St. H. 50		
2	018 Plaatgijzer 150 x16 voor kruisverband		stoo		
1	017 Plaatgijzer 150 x16 voor kruisverband		stoo		
2	016 22"m plaatgijzer voor kruisverband		stoo		
2	015 Plaatgijzer 200 x20 voor kruisverband		stoo		
1	014 Plaatgijzer 200 x20 voor kruisverband		stoo		
2	013 Toegangsluiken uit 8"m plaat		stoo		
2	012 Steun van plaatgijzer 90 x12 lang 1433		stoo		
6	011 Flensen uit plaatgijzer 90 x18 lang 1433		stoo		
4	010 Flensen uit plaatgijzer 90 x18		stoo		
2	009 Flensen uit plaatgijzer 90 x18		stoo		
2	008 Flensen uit plaatgijzer 90 x18		stoo		
2	007 Flensen uit plaatgijzer 90 x18		stoo		
2	006 Dubbelplaat uit 6"m plaat		stoo		
2	005 Omkasting uit 6"m plaat		stoo		
1	004 Omkasting uit 6"m plaat		stoo		
2	003 Omkasting uit 6"m plaat		stoo		
1	002 Uitlaattrechter uit 6"m plaat		stoo		
1	001 Inlaattrechter uit 8"m plaat		stoo		

[illegible]

Foundation
W140-0132

TEEK. N^o 17.073696
 BEHOORT BIJ BRIEF AAN:
Bureau Eng. Lloyd
 Datum brief: 24-11-32 Datum Inschr: Amsterdam

*Thrusthaft
 Tunnelshaftung
 taillshaft
 M. V. 226*

GERB. STORK & CO.
 MASCHINENFABRIK
 ROTTERDAM

"AACTEKERK"

Ans 13119.

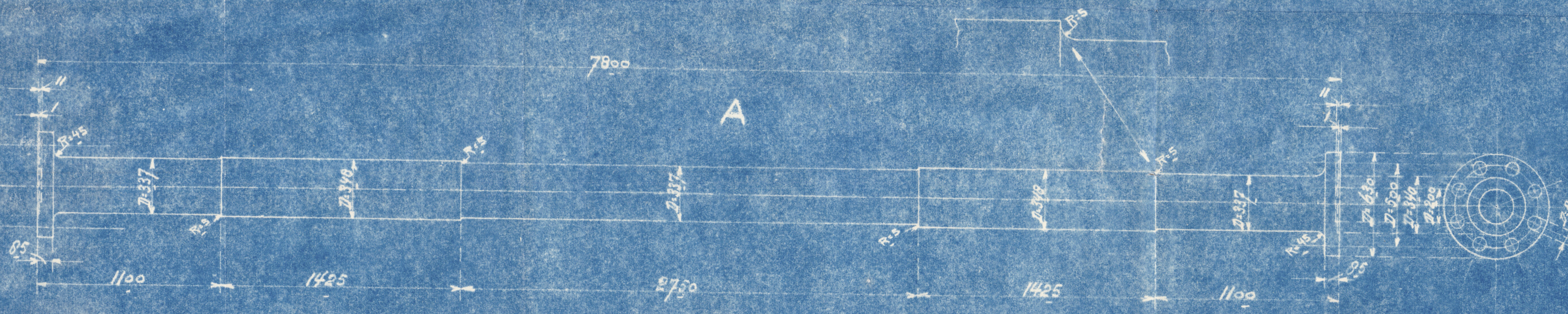
1140-0166



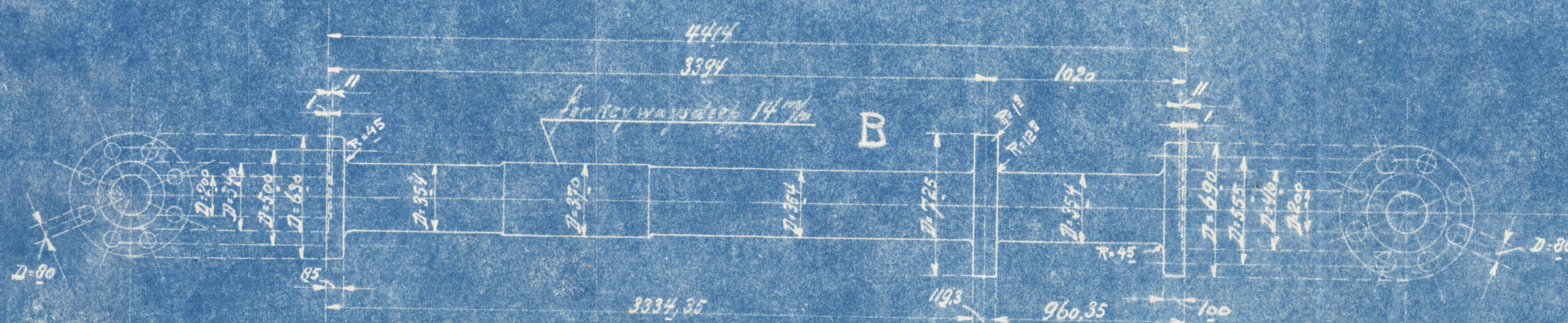
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D.073696

ORDER	BESTEMMING	OPMERKINGEN	Afdeling Tech. N ^o	Dat. Per.
30676	V.N.S.M. SCHIP N ^o 2226		D.M. D.073696	23-11-32
30776	V.N.S.M. RESERVE SCHIP N ^o 226		D.M. D.073696	23-11-32

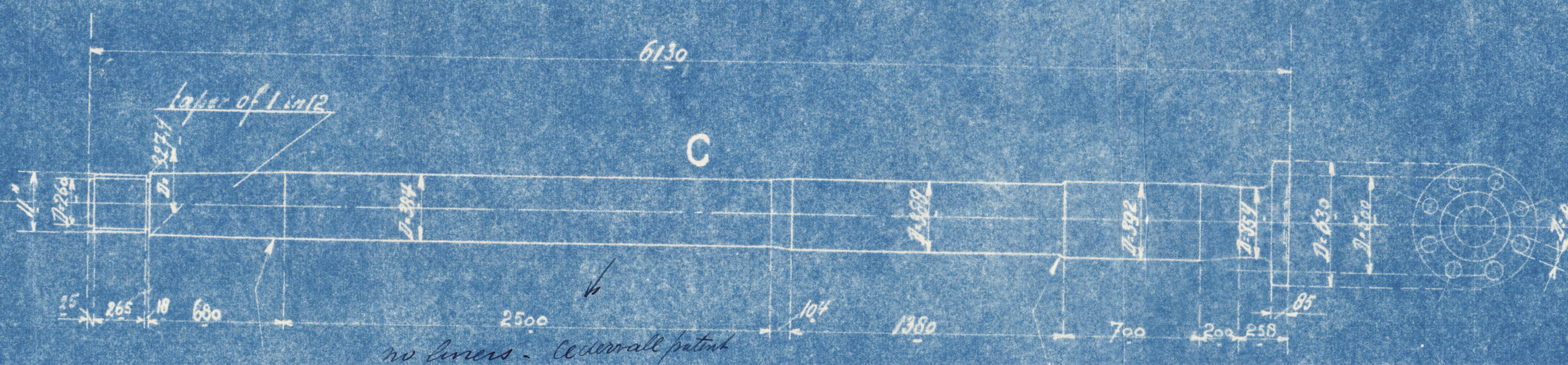


GEBR. STORK & Co.
MACHTREBANDER
HENGLO



Double acting two cycle diesel engine
6 Cylinders diam 600 mm stroke 1100 mm
Number of rev./min. 122
S.H.P. 4150
Diam. flywheel 2400 mm
Weight of flywheel 5560 kg.
Average effective pressure 4.45 kg/cm²
Average indicated pressure 5.17 kg/cm²
Max. combustion pressure 45 kg/cm²
Max. mech. efficiency 86 %
Material: S.M. steel
tensile strength 28-32 ton/cm²
Elongation 29-25 %
(Tested to rules)
Diam. propeller 4400 mm.

KEUR ENG. LLOYD



A Intermediate shafts
B Thrust shafts
C Tail shafts

ack.
23/11/32

Montage merk	Mark	Hand.	Omschrijving	Opn. Mat. Tab. Ser. Gen. Art.
			SCALE 1:20	Getek. D.M. 23-11-32 Tee. J
			BENAMING	
			SHAFTS FOR TWINSREW MOTORVESSEL	
			GEBR. STORK & Co HENGLO-O- AFD. DIESEL MOTOREN	D.073696

W 140-0166

Grantschaft

Maankeng

N.S.M. 226

Nederlandsche

Scheepsbouw

Yard No. 226

"AAGTEKERK"
GEN. BOX NO 1222

Amst 13119.

X1140-0170



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Foundation

TEEK. N^o 073664

BEHOORT BIJ BRIEF AAN:

Lloyd's Amsterdam.

Datum brief:

Datum inschr:

13/12 '30

Lloyd's Register
Foundation

W140-0170

SCHNITT C-D.

Technical drawing of a three-lobed mechanical part. The drawing shows a central circular area with a cross-hatched pattern, surrounded by three lobes. Dimensions include a radius of 30 and a distance of 6. The drawing is labeled with 'P. 148' and '4'.

SPILL PUMPEN SEITE

The technical drawing consists of two main parts:

- ANSICHT IN PFEILRICHTUNG „Z“**: This is the top view of the component. It shows a circular base with eight small holes arranged in a circle. The outer diameter is labeled as $R\ 70$. There are concentric circles representing different diameters, such as $\varnothing 60$, $\varnothing 50$, and $\varnothing 40$. Angles of 60° are indicated between radial lines.
- ANSICHT VON OBEN**: This is the front view of the component. It shows a cross-section with a central hole and several internal features. Dimensions include $\varnothing 100$, $\varnothing 80$, $\varnothing 60$, and $\varnothing 40$. A vertical dimension of 100 is shown. A horizontal dimension of 100 is also present. A note indicates $12 \pm 0,1 / 12 \pm 0,1$.

Technical drawing of a mechanical part, likely a shaft or housing, showing dimensions and features. The drawing includes a cross-section view on the left and a side view on the right. Key dimensions include diameters (e.g., 40, 30, 20, 15, 10, 5), lengths (e.g., 15, 75, 10, 400, 50, 15, 578), and a note "Für Splint 10 x 14 M" pointing to a hole. The drawing is labeled "Fig. 1" and "Fig. 2".

Technical drawing of a rectangular plate with two circular holes. The plate has a central horizontal slot. Dimensions are given in millimeters: total width 120, total height 60, hole diameter 30, and slot width 10. The distance between the hole centers is 60. The plate is labeled 'L'.

[illegible]

S.B. VOORUIT.	BOVEN	1	5	3	4	2	6	OBEN. UNTEN.
ST. B. VORWÄRTS.	UNTER	4	2	6	1	5	3	

B.B. VOORUIT.	BOVEN	1	6	2	4	3	5	OBEN UNTEN.
B.B. VORWÄRTS.	UNTER	4	3	5	1	6	2	

RESERVE KOPPELBOUWEN.		Teekening N ^o			
		D.073664			
ORDER	BESTEMMING	OPMERKINGEN.	Wisseling Teekening N ^o	Ind. Pun.	Waf. N ^o
30650	V. N. S. M. DEN HAAG. SCHIP N ^o 226.	H.B.T. 4 x 69/10. S.B. Machine N ^o 216. 1x Stichtlida Cisyg. compl. B.B.	Wisselmerken D. 073664		4434
30651	V. N. S. M. DEN HAAG. SCHIP N ^o 226.	H.B.T. 4 x 69/10. S.B. Machine N ^o 216. 1x Stichtlida Cisyg. compl. B.B.	Wisselmerken D. 073664		4434

Werkstoff für Teil A u. B.
S.M.S. Stahl nach Vorschrift von Lloyd's Register
gf. Shipping. Zugfestigkeit: 44-50 KG./mm² Dehnung: 20-25 %
Probestab: Normal Probestab n. Lloyd's
(für weitere Vorschriften siehe Bestellung)

	S	8	Düsteren.			SE 8.8.12. C. 12.	
	R	22	Steggen 7 3/4".			SE 10.11. C. 12.	
	Q	2	3/4" Schrauben 1 u. 20 u. 7/16" T. C. 211.847.			SE 10.11. C. 12.	
	P	104	1/2" Schrauben L = 35 C. 211.947.			SE 10.11. C. 12.	
	O		Richtungsringe 2 u. 40 u. 15 sh. C. 17.11.7			SE 10.11. C. 12.	
	N	12	Wasserschrauben 7 1/2" C. 10.11.7			SE 10.11. C. 12.	
	M	20	Salinde 10 7/16" C. 10 u. 110 211.947.			SE 10.11. C. 12.	
	L	52	Gleichschwinger			SE 10.11. C. 12.	
	K	26	Rocker für Ottensal			SE 10.11. C. 12.	
	J	1	Flachheil 55 x 110.50 x 102 u. 370.			SE 10.11. C. 12.	
	H	1	Flachheil 65 x 102 u. 370.			SE 10.11. C. 12.	
	G	1	Flachheil 62 x 99 u. 170.			SE 10.11. C. 12.	
	F	6	Mutteren 6 Teil 1/2"			SE 10.11. C. 12.	
	E	12	Mutteren 6 Teil 1/2"			SE 10.11. C. 12.	
	D	8	Kepphubschrauben 5.5. 5."			SE 10.11. C. 12.	
	C	12	Kepphubschrauben 5.5. 4"			SE 10.11. C. 12.	
	B	1	Knackhubschrauben 5.5. 3"			SE 10.11. C. 12.	
	A	1	Knackhubschrauben 5.5. 2"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/2"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/4"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/8"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/16"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/32"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/64"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/128"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/256"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/512"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/1024"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/2048"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/4096"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/8192"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/16384"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/32768"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/65536"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/131072"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/262144"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/524288"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/1048576"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/2097152"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/4194304"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/8388608"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/16777216"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/33554432"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/67108864"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/134217728"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/268435456"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/536870912"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/1073741824"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/2147483648"			SE 10.11. C. 12.	
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			Knackhubschrauben 5.5. 1/8589934592"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/17179869184"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/34359738368"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/68719476736"			SE 10.11. C. 12.	
			Knackhubschrauben 5.5. 1/137438953472"			SE 10.11. C. 12.	

[illegible]